http://rsf.svn.sourceforge.net/viewvc/rsf/trunk/filt/proc/Mcanny.c?view=markup

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# View of /trunk/filt/proc/Mcanny.c

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Revision **2362** - (**download**) (**annotate**)
*Thu Nov 9 01:41:19 2006 UTC* (18 months ago) by *sfomel*
File size: 4228 byte(s)

update

```c
1  /* Canny-like edge detector. */
2  /*
3    Copyright (C) 2004 University of Texas at Austin
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16   along with this program; if not, write to the Free Software
17   Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA  02111-1307  USA
18  */
19  #include <rsf.h>
20
21  int main(int argc, char* argv[])
22  {
23      int n1, n2, n3, i1, i2, i3, j1, j2, k1, k2, nedge, nold, nmin, nmax, n12;
24      int **edge;
25      float **pp, **ww, **w1, **w2, g1, g2, w, min, max;
26      sf_file in, out;
27
28      sf_init(argc,argv);
29
30      in = sf_input("in");
31      out = sf_output("out");
32
33      if (!sf_histint(in,"n1",&n1)) sf_error("No n1= in input");
34      if (!sf_histint(in,"n2",&n2)) sf_error("No n2= in input");
35      n3 = sf_leftsize(in,2);
36
37      if (!sf_getfloat("min",&min)) min=5.0;
38      /* minimum threshold */
```